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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	06489 USA			
First Inventor	Alan C. Co per			
Title	Hydrogen St rage Utilizing Carb			

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.					ADD	RESS	TO:	P.C	). Box 1	450	Patents 313-1450		22390		
1.	$\boxtimes$	Fee Trans	smittal F	om (e.g., P	PTO/SB/17)		7.			OM or CD	-R in			table or Cor	
2.		(Submit an original and a duplicate for fee processing) Applicant claims small entity status.				Program (Appendix)									
	Ц	See 37 CFR 1.27.					Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)								
3.	$\boxtimes$	Specification Total Pages 35					a. Computer Readable Form (CRF)								
		(preferred arrangement set forth below)  - Descriptive title of the invention					<ul><li>b. Specification Sequence Listing on:</li><li>i.  CD-ROM or CD-R (2 copies); or</li></ul>								
		- Cross F	Reference	to Related A	pplications		ii. Paper								
		- Referen	ice to seq	uence listing,	nsored R & D , a table, or a co	mputer	c. Statements verifying identity of above copies								
	program listing appendix.  - Background of the Invention							_							
		- Brief Su	ımmary of	the Invention										N PARTS	
		- Detailed	d Descripti	of the Drawin ion	igs (ii illea)		9.	П	Assig	nment Pa	pers (	cover	sheet &	document(s)	
		<ul><li>Claim(s</li><li>Abstrac</li></ul>	) t of the Di	sclosure			10.			FR 3.73(b) there is an			$\boxtimes$	Power of At	torney
4.	$\boxtimes$	Drawing(s) (35 U.S.C. 113) Total Sheets 9				9	11.		-	sh Transla	_		ent <i>(if ap</i>	plicable)	
5.	Oath o	or Declara	tion WX	specuted	· Total Sheets	3	12.			mation Dis				Copies of IE Citations	os
	a.	Newly executed (original or copy)					13.		Prelin	minary Am	endm	ent			
	b.	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)				14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
	i. DELETION OF INVENTOR(S)					15.									
	Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR					16.	(if foreign priority is claimed)  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).								
		1.63(d)(2) and 1.33(b).							Applicant must attach form PTO/SB/35 or its equivalent.						
6.		314000 a		111447	37 CFR 1.76	Control of the second	17.		Othe	V 1010 galantari arragana		TATURE TROP			ou w lorden i an
18.	If a C	CONTINUI cification fo	NG APP bllowing t	LICATION, he title, or i	check approp in an Applicati	oriate box, and on Data Sheet	supply under 3	the red 37 CFF	quisite i R 1.76:	information	n belo	w and	in the fir	st sentence o	of the
		Continua	ition	Divis	ional [	Continuation	on-in-pa	art (CIF	P)	of prior a	pplica	ation N	0.		
		This app	lication c	laims bene	fit of U.S. Prov	visional Appln.	No								
		ation info			miner:					Art Unit:					
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.															
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Name (Print/Type) Ann B. Ki rnan				Regis	Registration No. (Attorney/Agent 36566										
Signature AS									Date	D	c m	b r 1,	2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail St p Pat in Application, Commissi n rf r Patents, P.O. Box 1450, Al xandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (10-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL Application Number Filing Date for FY 2004 Alan C. Cooper First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit TOTAL AMOUNT OF PAYMENT 1,256 06489 USA Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money Order Check Credit card 3. ADDITIONAL FEES Other Large Entity | Small Entity ✓ Deposit Account: Fee **Fee Description** Deposit Code (\$) Code (\$) 01-0493 Fee Paid 2051 1051 130 65 Surcharge - late filing fee or oath Number Deposit Air Products and Chemicals, Inc. 1052 50 2052 Surcharge - late provisional filing fee or Account cover sheet Name 1053 130 1053 130 Non-English specification The Director is authorized to: (check all that apply) 1812 2,520 1812 2,520 For filing a request for ex parte reexamination Charge fee(s) indicated below Credit any overpayments 920 920\* Requesting publication of SIR prior to 1804 1804 Charge any additional fee(s) or any underpayment of fee(s) Examiner action Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1.840 1805 1 840\* Examiner action to the above-identified deposit account 110 2251 Extension for reply within first month **FEE CALCULATION** 210 Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 950 2253 475 Extension for reply within third month arge Entity Small Entity Fee Description Fee Paid 1254 1.480 2254 740 Extension for reply within fourth month Code (\$) 2255 1,005 Extension for reply within fifth month 1255 2,010 1001 770 2001 385 Utility filing fee 770.00 1401 330 2401 1002 340 2002 170 Design filing fee 165 Notice of Appeal 1003 530 2003 265 Diant filing for 1402 330 l 2402 165. Filing a brief in support of an anneal

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1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	١ ,	SUBTOTAL (1) (\$)	770	1452	110	2452	55	Petition to revive - unavoidable	
2 EVIDA			DEIGGILE	1453	1,330	2453	665	Petition to revive - unintentional	
Z. EXIKA	CLAIM FEE	S FOR UTILITY AND	REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Tatal Claims	[47]	Extra Claims below	Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims Independent		" = 27 X 18	= 486	1503	640	2503	320	Plant issue fee	
Claims Multiple Depe		"= 5 x 86	<del>- 430</del>	1460	130	1460	130	Petitions to the Commissioner	
1			1	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity	L Fee Description		1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)			8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18		9 Claims in excess of 20		1809	770	2809	385	Filing a submission after final rejection	
1201 86	2201 4							(37 ČFR 1.129(a))	
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1204 86	2204 4	3 ** Reissue independent over original patent	claims	4004	770	2004	205	examined (37 CFR 1.129(b))	
		over original patent	Ī	1801		2801	385	Request for Continued Examination (RCE)	
1205 18	2205	** Reissue claims in exc and over original pate		1802	900	1802	900	Request for expedited examination of a design application	
	916	Other fee (specify)							
********		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
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Date Signature December 1, 2003 WARNING: Information on this f rm may become public. Credit card information should not be included on this form. Provide credit card information and auth rization on PTO-2038.

\*\*or number previously paid, if greater; For Reissues, see above

Anne B. Kiernan

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Name (Print/Type)

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SUBTOTAL (3)

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